

## WHAT IS CLAIMED IS:

1. A mobile disinfection apparatus for a sickbed, comprising:

a retractable hollow shield with a plurality of wheels for enclosing the sickbed  
thereinside;

5 a disinfecter furnished on an inner surface of the shield for disinfecting the sickbed;

and

a control unit with a control panel located outside the shield for activating the  
disinfecter.

2. The apparatus of Claim 1, wherein the shield includes a plurality of casings

10 connected to each other.

3. The apparatus of Claim 2, wherein each two casings are connected by an  
engagement of a rail of one casing to a sliding slot of the other.

4. The apparatus of Claim 1, wherein the shield includes two ends, and at least  
one end is openable.

15 5. The apparatus of Claim 4, wherein the other end of the shield is closed.

6. The apparatus of Claim 1, wherein the disinfecter includes at least one of a  
high-temperature vapor, a light exposure, a medication, or a physical/chemical disinfection  
device.

7. The apparatus of Claim 1, wherein the disinfecter includes a plurality of ultra  
20 violet light tubes.

8. The apparatus of Claim 7, wherein the shield includes a plurality of casings connected to each other, and each casing has a recessed inner wall for the ultra violet light tubes to be installed thereon.

9. The apparatus of Claim 7, wherein the ultra violet light tube is a UV254 tube  
5 which provides an ultra violet light of 253.7 nm wavelength.

10. The apparatus of Claim 1, wherein the control unit is further used to control a power or an operation time of the disinfecter.

11. A disinfection apparatus for disinfecting a under portion of a sickbed,  
comprising:

10 a base located under the sickbed;

a disinfecter furnished on a top surface of the base for disinfecting the sickbed; and  
a control unit with a controller for activating the disinfecter.

12. The apparatus of Claim 11, wherein the base is a plate.

13. The apparatus of Claim 11, wherein the base includes a plurality of wheels.

15 14. The apparatus of Claim 11, wherein the disinfecter includes at least one of a high-temperature vapor, a light exposure, a medication, or a physical/chemical disinfection device.

15. The apparatus of Claim 11, wherein the disinfecter includes a plurality of ultra violet light tubes.

20 16. The apparatus of Claim 15, wherein the ultra violet light tube is a UV254 tube which provides an ultra violet light of 253.7 nm wavelength.

17. The apparatus of Claim 11, wherein the control unit is further used to control an operation power or an operation time of the disinfecter.

18. The apparatus of Claim 11, wherein the controller is connected to the control unit via a cord.

5 19. The apparatus of Claim 11, wherein the controller is connected to the control unit via a wireless connection.